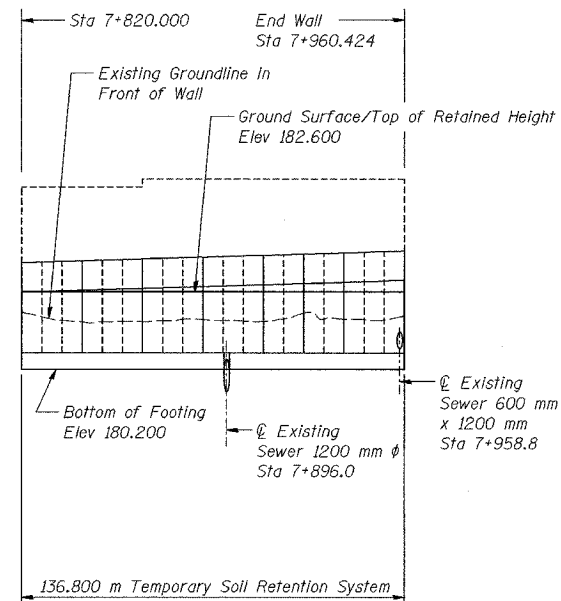


CONTRACT NO. 62113 INDOT DES. NO. 0100987



### TEMPORARY SOIL RETENTION SYSTEM - ELEVATION

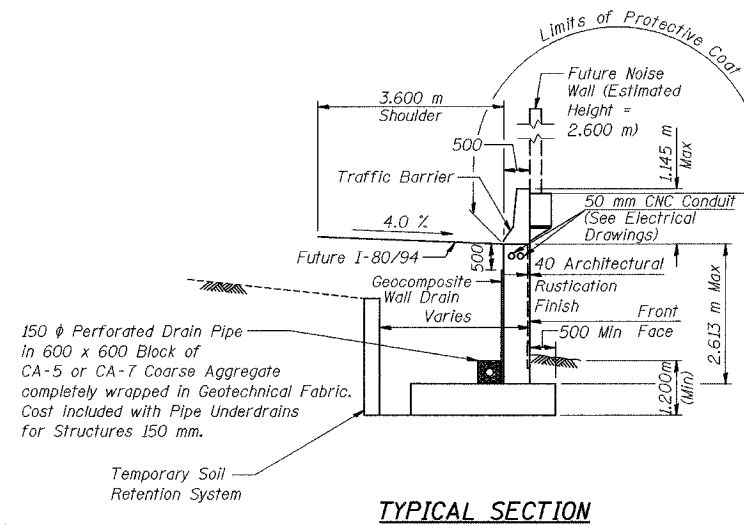
*A cantilevered sheet piling design does not seem feasible due to underground utility restrictions, and additional members may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.*

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of AASHTO M 31M or M322M Grade 400.
2. All dimensions are in millimeters (mm) except as noted.
3. All construction joints shall be bonded.

INDEX OF SHEETS

<i>SHEET NO.</i>	<i>TITLE</i>
<i>S-1</i>	<i>General Plan</i>
<i>S-2</i>	<i>Index of Sheets, General Notes and Total Bill of Material</i>
<i>S-3</i>	<i>Plan and Elevation (1 of 6)</i>
<i>S-4</i>	<i>Plan and Elevation (2 of 6)</i>
<i>S-5</i>	<i>Plan and Elevation (3 of 6)</i>
<i>S-6</i>	<i>Plan and Elevation (4 of 6)</i>
<i>S-7</i>	<i>Plan and Elevation (5 of 6)</i>
<i>S-8</i>	<i>Plan and Elevation (6 of 6)</i>
<i>S-9</i>	<i>Wall Sections and Details</i>
<i>S-10</i>	<i>Rustication Finish Details</i>
<i>S-11</i>	<i>Boring Logs (1 of 2)</i>
<i>S-12</i>	<i>Boring Logs (2 of 2)</i>



TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structure Excavation	m <sup>3</sup>	1,284
Concrete Structures	m <sup>3</sup>	498.6
Rustication Finish	m <sup>2</sup>	246
Protective Coat	m <sup>2</sup>	208
Reinforcement Bars, Epoxy Coated	kg	35,620
Temporary Soil Retention System	m <sup>2</sup>	575
Geocomposite Wall Drain	m <sup>2</sup>	258
Pipe Underdrains for Structures 150 mm	m	145.0
Noise Abatement Wall Anchor Rod Assembly	Each	39

DESIGNED	MJW
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP